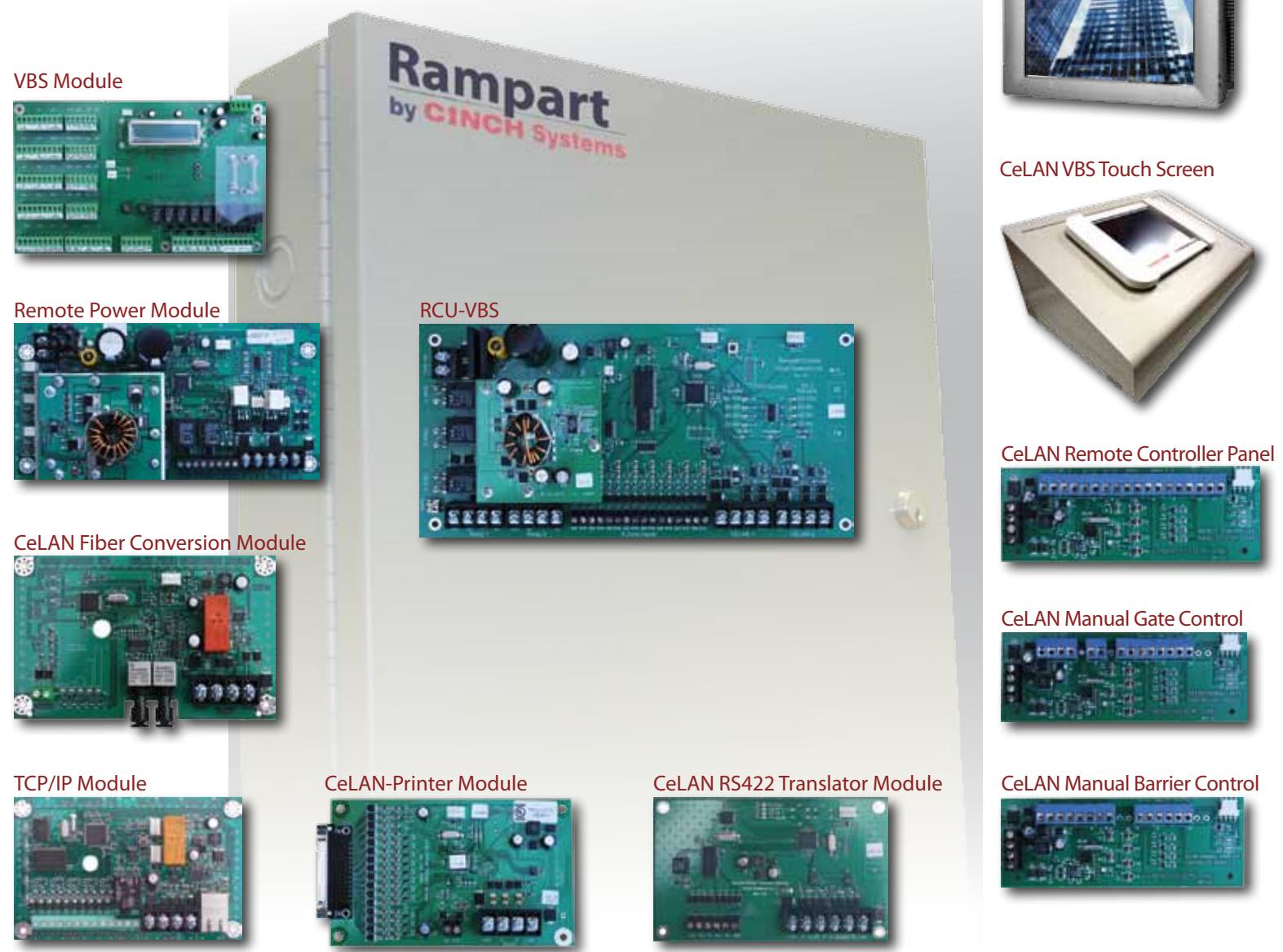


World-class vehicle barrier system controls

CINCH Systems designs and manufactures solutions for high-security installations. We stay close to customers so we can develop high-quality solutions to address changing threats to government and commercial installations of all sizes.



One thing stays the same at Cinch Systems:
Constant innovation for constant security
against changing threats at home and abroad.

VBS

CINCH

Simple □► Secure □► State of the Art

Learn more about Cinch Systems: www.cinchsystems.com

SCIFs
Icon Sites
Embassies
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Campus Environments
Pharmaceutical
Critical Industrial
Financial Institutions

Transportation
Educational Facilities
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Contact sales@cinchsystems.com

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Literature part number: Lit-VBS-0811

CINCH systems

Simple □► Secure □► State of the Art

Vehicle
Barrier
Control
Systems

DOD
State, Federal,
Commercial,
and Industrial
applications



User-Driven Design | Mission-Driven Performance

Cinch Systems has created the industry's first AES Encrypted VBS process-based controller.



US Government agencies around the world count on Cinch for connected, responsive VBS solutions.

Cost-saving discrete metrics tracking

Supervised inputs provide metrics for system design, monitoring, and maintenance.

- ▶ Track performance of hydraulic pressure, temperature, fluid levels, cycles and more.

Rampart's low-voltage operation is an energy-efficient VBS solution.

Train once, program consistently system wide

Menu-selectable configuration options simplify installation, servicing, maintenance, and troubleshooting

Durable 5.7" color touch screen

- ▶ Easy to use
- ▶ Easy to program
- ▶ Easy to see
- ▶ Scrambled keypad option
- ▶ Menu-driven programming
- ▶ Custom background artwork



Plug in, backup, download, upgrade



Cinch Stick

Makes panel software upgrades and backups secure, fast, and easy.

Robust security communication

Redundant 128-bit AES Encryption.

Patent-pending design secures 100% of system data, from components to panel, panel to barrier controller.

Instant metrics

Cinch systems deliver feedback on system operation and reporting status *as soon as installation begins*.

CeLAN automatically syncs encryption keys and addresses components.

- ▶ Maintenance life cycles
- ▶ EFO valve cycles
- ▶ Transit times
- ▶ AC power
- ▶ Motor run times

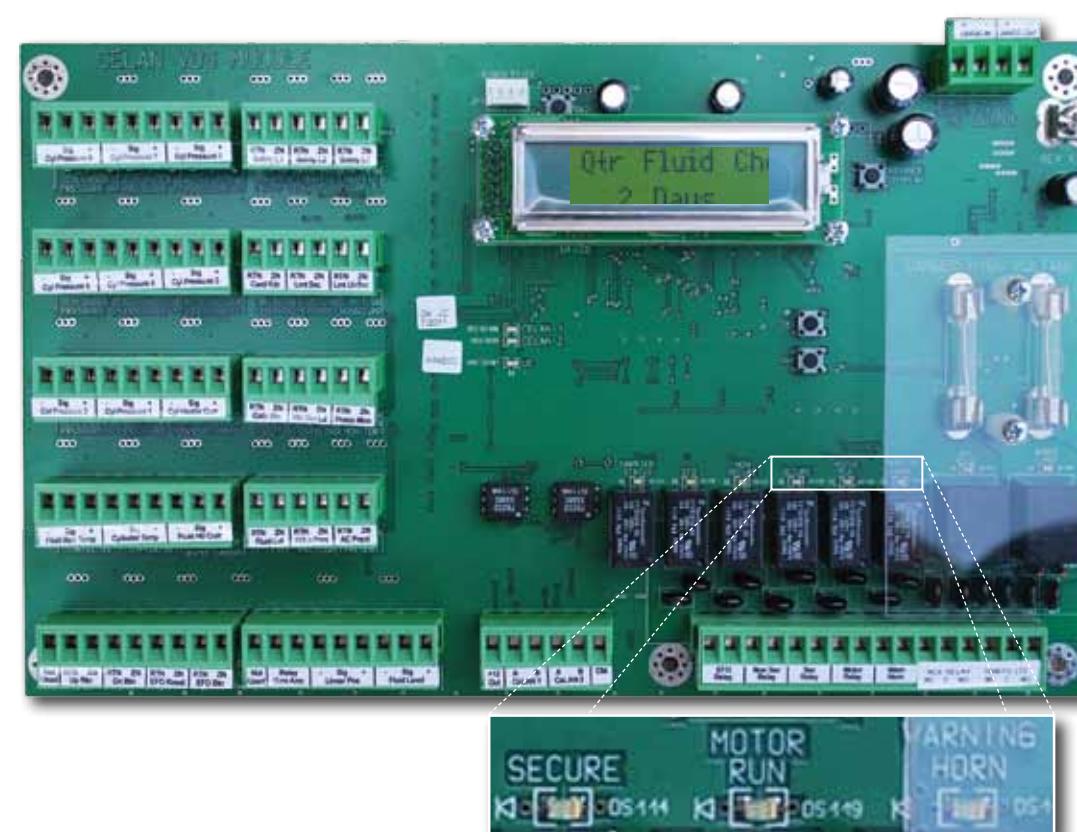
Targeted information

Powerful systems engineering routes information where it's needed:

- ▶ Security monitoring to security staff
- ▶ Performance monitoring to technical staff
- ▶ Metrics monitoring to decision makers

Protected electronics

Transient protection prevents disruption, degradation, and damage to electronics even under extreme conditions.



Master VBS Flexibility

- ▶ Metrics display:
 - Current, Temperature, Fluid Levels, and dozens more
- ▶ 4 loop inputs
 - » 1 card reader
 - » 1 free exit
 - » 2 safety
- ▶ Sally port control
- ▶ 24V output power supply
- ▶ Linear position switch support
 - » Precision analog measurement for barrier positioning
- ▶ Up to 8 bollards per system
- ▶ Back-mounted components prevent installation damage
- ▶ LED relay feedback
- ▶ Clear onboard labeling

Multiple-barrier control



▶ Gate arm control



▶ Wedge and bollard control



▶ Rolling/Swing gate control

Cinch Systems AES ENCRYPTION is built in—meeting high-security needs of command networks: **commercial, federal, industrial**.